

NEOTROPICAL MYRSINACEAE — XXI

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ARDISIA Sw., Prod. Veg. Ind. Occ. 3. 48. 1788

ARDISIA MORAVIANA (Lundell) Lundell, comb. nov. Auricular-  
disia moraviana Lundell, Phytologia 63: 74. 1987. Costa Rica:  
R. L. Wilbur 24919 (holotype, Duke).

ARDISIA MURPHYAE (Lundell) Lundell, comb. nov. Graphardisia  
Murphyae Lundell, Phytologia 63: 77. 1987. Costa Rica: H. Murphy  
1248 (holotype, Duke).

ARDISIA SARAPIQUIENSIS (Lundell) Lundell, comb. nov.  
Auriculardisia sarapiquiensis Lundell, Phytologia 63: 74. 1987.  
Costa Rica: B. Hammel & J. Trainer 13262 (holotype, LL).

ARDISIA SPATHULATA (Lundell) Lundell, comb. nov. Auricular-  
disia spathulata Lundell, Phytologia 63: 75. 1987. Costa Rica:  
D. E. Stone & A. L. Welden 3440 (holotype, Duke).

ARDISIA TRICHOMATA (Lundell) Lundell, comb. nov. Auricular-  
disia trichomata Lundell, Phytologia 63: 75. 1987. Costa Rica:  
R. L. Wilbur 24906 (holotype, Duke).

ARDISIA WILBURIANA (Lundell) Lundell, comb. nov. Auricular-  
disia Wilburiana Lundell, Phytologia 63: 76. 1987. Costa Rica:  
B. Jacobs 2917 (holotype, LL; isotypes, Duke).

ICACOREA Aubl., P. Guian. 2: Suppl. 1. 1775

ICACOREA BURGERI (Lundell) Lundell, Phytologia 48: 347. 1981.  
Ardisia Burgeri Lundell, Wrightia 7: 23. 1981.

Costa Rica: Prov. Alajuela, Llanura de San Carlos, wet tropi-  
cal rain forest near Los Angeles, alt. 100 m., Feb. 21, 1966,  
Antonio Molina R., Louis O. Williams, William C. Burger & Bruce  
Wallena 17670 (F, holotype; LL, xerox copy & fragment), small tree  
5 meters tall. Prov. Puntarenas: forests along S side of Quebrada  
Bonita, to ca. 1 km. E of Costanera highway, Carara Reserve, elev.  
ca. 30-40 m., Jan. 11, 1985, Michael Grayum et al. 4752 (LL, MO),  
slender, understory treelet ca. 3.5 m. tall.

Described from specimen with immature fruits, the Grayum collection, also from lowland wet forest, is in flower. Its sepals are oblong-lanceolate, 2–3 mm. long, thin, punctate with scattered black glands. The corolla is 7–8 mm. long, with thin lanceolate petals connate at base and punctate like the sepals. The stamens subequal the petals, with slender filaments, and slender lanceolate tapering anthers 3.5–4 mm. long, dehiscent by 2 small apical pores.

*ICACOREA DURIPETALA* Lundell, sp. nov. — Frutex, 3 m.; ramuli, crassiusculi; folia parva, glabra, petiolata, petiolo 3–5 mm. longo, late marginato; lamina coriacea, elliptica, 3–6.5 cm. longa, 1.5–3 cm. lata, apice apiculata vel subacuminata, basi acuta, punctata, integra; inflorescentia terminalis, glabra, parva, paniculata, 3–5.5 cm. longa, densiflora; flores 5-meri, corymbosi, pedicelli 1.3–3 mm. longi; sepala ovata, ca. 1.5 mm. longa, punctata, symmetrica, integra; petala ca. 6 mm. longa, anguste lanceolata, dura, basi connata, apice obtusiuscula; stamina 3 mm. longa; filamenta ca. 1.5 mm. longa; antherae lanceolatae, ca. 2 mm. longae, apice birimosae; ovarium glabrum.

Panama: Chiriqui, southern slopes of Cerro Horqueta north of Boquete, elev. ca. 6500 ft., Jan. 21, 1971, R. L. Wilbur, J. A. Teeri, Robin Foster 13471 (holotype, LL), shrub 3 m. tall.

The species is notable for its short leafy branchlets, densely flowered small inflorescences, short pedicels, coriaceous narrowly lanceolate petals, and stamens with slender filaments subequaling anthers. It resembles *Icacorea rigidifolia* (Lundell) Lundell.

*ICACOREA HATOANA* Lundell, sp. nov. — Arbor parva, 5 m. alta; ramuli graciles, minute lepidoti; folia glabra, petiolata, petiolo 5–7 mm. longo, lepidoto, canaliculato; lamina chartacea vel subcoriacea, lanceolata vel anguste elliptica, 7.5–10.5 cm. longa, 3–4.2 cm. lata, apice subabrupte acuminata vel acutiuscula, basi late obtusa et acutiuscula; inflorescentia terminalis, pyramidalis, paniculata, ad 8 cm. longa et lata, laxa, minute et parce lepidota; flores 5-meri, corymbosi; pedicelli 5 mm. longi; sepala symmetrica, late ovata vel ovata, ad 2 mm. longa, minute punctata, maculata; corolla ca. 5.5 mm. longa, apice minute punctata; petala 5, basi connata; stamina ca. 5.5 mm. longa; filamenta libera, ca. 2.75 mm. longa; antherae ca. 3 mm. longae, late lanceolato-oblongae, apice birimosae, apertae; ovarium glabrum; ovula parva, pluriseriata; stylus ca. 4.5 mm. longus.

Panama: Provincia de Chiriqui, woods and pastured borders near Las Lagunas, west of El Hato del Volcan, about 1400 m. elevation, Jan. 15, 1970, R. L. Wilbur, R. E. Weaver, R. Foster, M. Correa 11002 (holotype, LL; isotype, Duke), tree 5 m. tall, corolla white, anthers yellow.

*I. hatoana* resembles *I. rigidifolia* (Lundell) Lundell, differing in its longer filaments subequaling anthers, with calyx and corolla conspicuously punctate with small red-black glands, with somewhat larger calyx and corolla, and larger, thinner,

longer petioled leaves. Icacorea Storkii (Lundell) Lundell and Icacorea Scheryi (Lundell) Lundell are both of this relationship, but have much smaller sepals and anthers.

ICACOREA LAJANA Lundell, sp. nov. — Arbor parva, 2–3 m. alta; ramuli graciles, minute lepidoti; folia parva, basi minute lepidota, petiolata, petiolo late marginato, 2.5–5 mm. longo; lamina chartacea, oblanceolato-elliptica, 5–9.5 cm. longa, 2.5–3.5 cm. lata, apice subacuminata, acumine obtusiuscula, basi acuta, parvipunctata, subtus reticulata, margine integra; inflorescentia subsessilis, paniculata, ad 6 cm. longa, basi minute lepidota; flores corymbosi, 5-meri; pedicelli 5–7 mm. longi, graciles; sepala hyalina, minute punctata, late ovata, ca. 1.5 mm. longa; petala 5–5.5 mm. longa, lanceolata, basi connata; stamina ca. 4 mm. longa; filamenta ca. 1 mm. longa, gracilis; antherae 3–3.5 mm. longae, anguste lanceolatae, apice minute biporosae; ovarium glabrum; ovula pluriseriata; stylus ca. 5 mm. longus.

Mexico: Estado de Veracruz, Mun. Zapata, La Laja, entre Corral Falso y Pinaltepec, a 900 m. de carretera Xalapa-Veracruz por camino Falso-Pinaltepec, alt. 900 m., Jan. 8, 1985, H. M. Hernandez y Rafael Torres 769 (holotype, LL), arbusto ripario de 2–3 m. con frutos inmaduros.

With immature fruits, the flowers are described from dried fragments in the inflorescence.

ICACOREA ALBIPETALA Lundell, sp. nov. — Arbor, 8 m.; ramuli graciles, minute lepidoti; folia parva, petiolata, petiolo crasso, marginato, 2–4.5 mm. longo; lamina coriacea, integra, basi revoluta, anguste elliptica vel lanceolata, 4–7.5 cm. longa, 2–3.5 cm. lata, basi acutiuscula vel rotundata, apice acuminata, acumine obtusiuscula, supra glabra, subtus pallida, parce punctata, reticulata; inflorescentia terminalis, paniculata, ad 8 cm. longa, densiflora, glabra, basi lepidota; flores 5-meri, corymbosi; pedicelli 4–7.5 mm. longi; sepala hyalina, late ovata, ca. 1.3 mm. longa, minute punctata; corolla ad 7.5 mm. longa; petala lanceolata, ad 7 mm. longa, basi connata ca. 1 mm.; stamina 5–6 mm. longa; filamenta ca. 3 mm. longa; antherae lanceolatae, ca. 3 mm. longae, apice biporosae; ovarium glabrum; stylus ca. 5.5 mm. longus; ovula pluriseriata, ca. 22.

Panama: Prov. Bocas del Toro, region of Cerro Colorado, on trails from continental divide, 7 miles from Champi Camp, in cloud forest, ca. 1500 m., April 12, 1986, Gordon McPherson 8832 (holotype, LL), tree 8 m., corolla white.

Icacorea albipetala resembles Icacorea monteverdeana Lundell but differs in its entire leaves and slender filaments which equal anthers.